

**IN THE SPECIFICATION**

Kindly add the following section, on page 1, immediately after the title:

**--RELATED APPLICATIONS**

The present application is a US National Phase of PCT Application No. PCT/IL2002/000614, filed on July 24, 2002.—

Kindly replace the paragraph on page 14, line 24 – page 14 line 25 with the following:

-- In an exemplary embodiment of the invention, at least said set of gauges uses fewer than 10 different chemical moieties to define the chemical behavior of said gauges. --

Kindly replace the paragraph on page 14, line 29 – page 14 line 30 with the following:

-- In an exemplary embodiment of the invention, said functional assay is performed in the presence of a natural substrate of said target. --

Kindly replace the paragraph on page 17, line 11 – page 17 line 20 with the following:

-- In an exemplary embodiment of the invention, the method comprises:

determining a plurality of gauge molecules that can be generated by adding moieties to said potential scaffold molecule;

determining for an existing library portion what spatial chemical configurations are added by said molecules; and

selecting said potential scaffold molecule if one or more significant spatial chemical configurations can be added by it to said library portion. Optionally, the method comprises selecting a scaffold based on a number of configurations added by said scaffold. Alternatively or additionally, said significant spatial configurations are configurations not previously provided or overlapped with. --